10/594298

IAPO1 Rec'd PCT/PTO 26 SEP 2006

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Rosario RIZZUTO et al

International Appln. No.: PCT/IB2005/000795

Filed: September 26, 2006

Attorney Dkt. No.: 026073-00008

METHOD FOR THE DETECTION OF INTRACELLULAR PARAMETERS WITH

LUMINESCENT PROTEIN PROBES FOR THE SCREENING OF MOLECULES

CAPABLE OF ALTERING SAID PARAMETERS

INFORMATION DISCLOSURE STATEMENT

Mail Stop: PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Date: September 26, 2006

Sir:

This is an Information Disclosure Statement submitted under 37 C.F.R. 1.97 within the time specified under 37 CFR 1.97(b).

The references cited in the attached Forms PTO-SB08a & PTO-SB08b were cited in the enclosed International Search Report issued by the European Patent Office in connection with the above international application. It is understood that the International bureau has sent a copy of each of the cited references to the U.S. Patent and Trademark Office. If this is not the case, please contact Applicants' representative at the telephone number listed below.

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In view of the above, all requirements of 37 CFR 1.97 and all official guidelines pertaining to Information Disclosure Statements have been complied with, and it is therefore respectfully requested that the Examiner consider the references and make them of record.

Respectfully submitted,

Richard J. Berman

Registration(No. 39,107

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Enclosures: Forms PTO-SB08a & PTO-SB08b; International Search Report

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PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| | | | | Filing Date | September 26, 2006 |
| STATEMENT BY APPLICANT | | | | First Named Inventor | Rosario RIZZUTO et al |
| | Form P | TO/SB/08a | l | Art Unit | |
| | | | | Examiner Name | |
| Sheet | 1 | of | 1 | Attorney Docket Number | 026073-00008 |

| | | | U.S. P. | ATENT DOC | JMENTS | |
|--------------------|--------------|-----------------|---|--------------------------------|--|--|
| Examiner Initials* | Cite No.1 | Document Number | Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | <u> </u> | US- 6,566,083 | B1 | 05-20-2003 | Ole THASTRUP et al | |
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| | FOREIGN PATENT DOCUMENTS | | | | | | | | | |
|-----------------------|--------------------------|-------------------------|------------------------------|---|--------------------------------|--|---|---------------|--|--|
| Examiner Initials* | Cite No.1 | Foreign Patent Document | Country Code ³ | Number ⁴ Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | ۳⁵ | | |
| | | 03/082904 | wo | Α | 10-09-2003 | | | | | |
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0/594298 IAPO1 Rec'd PCT/PTO 26 SEP 2006

PTO/SB/08b (08-03)

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| | Application Number Nov. Application | |
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| bstitute for form 1449B/PTO | Complete if Known | |
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| | Substitute for form 1449B/PTO | | | | Complete if Known | | |
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| • | SIAIEWIENI DI A Form PTO/SB | | _ | MA 1 | First Named Inventor | Rosario RIZZUTO et al | |
| | F0/111 F10/3B | NUOD | | | Art Unit | | |
| | | | | | Examiner Name | | |
| Sheet | 1 | of | 1 | | Attorney Docket Number | 026073-00008 | |

| | | NON PATENT LITERATURE DOCUMENTS | |
|--------------------|--------------|--|----|
| Examiner Initials* | Cite No.¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |
| | | TORFS Herbert et al: Recombinant Aequorin as a Reporter for Receptor-Mediated Changes of Intracellular Ca2+-levels in Drosophila S2 cells; Invertebrate Neuroscience; vol. 4; no. 3; April 2002; pages 119-124; XP002348989; ISSN: 1354-2516 | |
| | | LE POUL Emmanuel et al; Adaptation of Aequorin Functional Assay to High Throughput Screening; Journal of Biomolecular Screening; vol. 7; no. 1; February 2002; pages 57-65; XP009055395; ISSN: 1087-0571 | |
| | | BRINI M et al: Nuclear Targeting of Aequorin: A new apporach for measuring nuclear Ca-2+ concentration in intact cells; Cell Calcium; vol. 16; no. 4; 1994; pages 259-268; XP009055350; ISSN:0143-4160 | |
| | : | CHIESA A et al: Recombinant Aequorin and Green Fluorescent Protein as Valuable Tools in the Study of Cell Signalling Biochemical Journal; The Biochemical Society; London, GB; vol. 355; no. 1; April 1, 2001; pages 1-12; XP009013205; ISSN: 0264-602; figure 2 | |
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